

JFW
PATENT

Case Docket No. OSSUR.039A
Date: May 20, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Henry Hsu et al.
Appl. No. : 10/722,313
Filed : November 25, 2003
For : MAGNETORHEOLOGICAL
FLUID COMPOSITION AND
PROSTHETIC KNEE
UTILIZING SAME
Examiner : Unknown
Group Art Unit : 3738

I hereby certify that this correspondence and all
marked attachments are being deposited with the
United States Postal Service as first class mail in
an envelope addressed to: Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-
1450, on

May 20, 2004
(Date)
Sabing H. Lee, Reg. No. 43,745

TRANSMITTAL LETTER

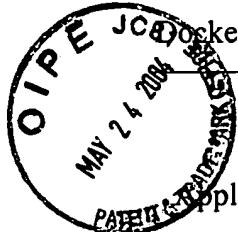
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one hundred and six (106) references listed; thirty-five (35) enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Sabing H. Lee
Registration No. 43,745
Attorney of Record
Customer No. 20,995
(949) 760-0404



INFORMATION DISCLOSURE STATEMENT

Applicant : Henry Hsu et al.
App. No. : 10/722,313
Filed : November 25, 2003
For : MAGNETORHEOLOGICAL FLUID
COMPOSITIONS AND PROSTHETIC
KNEES UTILIZING SAME
Examiner : Unknown
Group Art Unit : 3738

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing one hundred and six (106) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

Identification herein is not an admission that any of the foregoing are prior art to the above captioned application.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

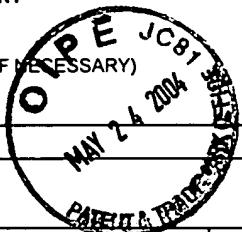
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5-20-07

By: _____

Sabing H. Lee
Registration No. 43,745
Attorney of Record
Customer No. 20,995
(949) 760-0404

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. OSSUR.039A	APPLICATION NO. 10/722,313
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Henry Hsu et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE November 25, 2003	GROUP 3738



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1	2,519,449	08/1950	Findley			
2	2,804,955	09/1957	Gill, Jr.			
3	3,177,998	04/1965	Rossez			
4	3,360,475	12/1967	Rossez et al.			
5	4,224,173	09/1980	Reick			
6	4,284,518	08/1981	Reick			
7	4,381,244	04/1983	Berkowitz et al.			
8	4,687,596	08/1987	Borduz et al.			
9	4,732,706	03/1988	Borduz et al.			
10	4,790,522	12/1988	Drutchas, deceased			
11	5,277,281	01/1994	Carlson et al.			
12	5,354,488	10/1994	Shtarkman et al.			
13	5,382,373	01/1995	Carlson et al.			
14	5,398,917	03/1995	Carlson et al.			
15	5,449,313	09/1995	Kordonsky et al.			
16	5,490,187	02/1996	VanSielen et al.			
17	5,505,880	04/1996	Kormann et al.			
18	5,518,639	05/1996	Luk et al.			
19	5,525,249	06/1996	Kordonsky et al.			
20	5,545,233	08/13/96	Fitzlaff			
21	5,547,049	08/1996	Weiss et al.			
22	5,549,837	08/1996	Ginder et al.			
23	5,571,205	11/1996	James			
24	5,577,948	11/1996	Kordonsky et al.			
25	5,578,238	11/1996	Weiss et al.			
26	5,599,474	02/1997	Weiss et al.			
27	5,629,092	05/1997	Gay et al.			
28	5,645,752	07/1997	Weiss et al.			

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. OSSUR.039A	APPLICATION NO. 10/722,313
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Henry Hsu et al.	
		FILING DATE November 25, 2003	GROUP 3738
(USE SEVERAL SHEETS IF NECESSARY)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
29	5,670,077	09/1997	Carlson et al.			
30	5,683,615	11/1997	Munoz			
31	5,705,085	01/1998	Munoz et al.			
32	5,711,746	01/1998	Carlson			
33	5,728,174	03/1998	Fitzlaff			
34	5,816,372	10/1998	Carlson et al.			
35	5,888,212	03/1999	Petrofsky et al.			
36	5,893,891	04/1999	Zahedi			
37	5,900,184	05/1999	Weiss et al.			
38	5,906,767	05/1999	Karol et al.			
39	5,947,238	09/1999	Jolly et al.			
40	5,985,168	11/1999	Phule			
41	5,989,447	11/1999	Podszun et al.			
42	5,990,054	11/1999	Willis			
43	6,027,664	02/2000	Weiss et al.			
44	6,095,486	08/2000	Ivers et al.			
45	6,149,832	11/2000	Foister			
46	6,168,634 B1	01/2001	Schmitz			
47	6,186,290 B1	02/2001	Carlson			
48	6,203,717 B1	03/2001	Munoz et al.			
49	6,352,144 B1	03/2002	Brooks			
50	6,395,193 B1	05/2002	Kintz et al.			
51	6,423,098 B1	07/2002	Biedermann			
52	6,443,993 B1	09/2002	Koniuk			
53	6,475,404 B1	11/2002	Carlson			
54	6,503,414 B1	01/2003	Kordonsky et al.			
55	6,517,585 B1	02/2003	Zahedi et al.			
56	6,547,983 B2	04/2003	Iyengar			

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OSSUR.039A	APPLICATION NO. 10/722,313
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Henry Hsu et al.	
		FILING DATE November 25, 2003	GROUP 3738
(USE SEVERAL SHEETS IF NECESSARY)			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
57	6,547,986 B1	04/2003	Kintz et al.			
58	6,599,439 B2	07/2003	Iyengar et al.			
59	6,610,101 B2	08/2003	Herr et al.			
60	6,679,920 B2	01/2004	Biedermann et al.			
61	2001/0029400 A1	10/2001	Deffenbaugh et al.			
62	2002/0036127 A1	03/2002	Carlson et al.			
63	2002/0052663 A1	05/2002	Herr et al.			
64	2002/0138153 A1	09/2002	Koniuk			
65	2002/0130305 A1	09/2002	Iyengar			
66	2002/0171067 A1	11/2002	Jolly et al.			
67	2003/0006395 A1	01/2003	Hata et al.			
68	2003/0025102 A1	02/2003	John et al.			
69	2003/0057395 A1	03/2003	Iyengar et al.			
70	2003/0047705 A1	03/2003	Iyengar et al.			
71	2003/0071238 A1	04/2003	Kintz et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
72	DE 43 05 213 A1	08/1993	Germany				
73	DE 43 18 901 A1	01/1994	Germany				
74	DE 195 21 464 A1	03/1997	Germany				
75	DE 197 54 590 A1	07/1999	Germany				
76	EP 0 628 296 A2	05/1994	Europe				
77	EP 0636 273 B1	08/1997	Europe				
78	EP 0801 403 A1	10/1997	Europe				
79	EP 0957 838 B1	08/2000	Europe				
80	EP 1 125 825 A2	08/2001	Europe				

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. OSSUR.039A	APPLICATION NO. 10/722,313
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Henry Hsu et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE November 25, 2003	GROUP 3738

FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
				YES	NO	
81	FR 2 623 086 A1	11/1987	France			
82	GB 2 244 006 A	11/1991	Great Britian			
83	GB 2 328 160 A	02/1999	Great Britian			
84	GB 2 334 891 A	09/1999	Great Britian			
85	WO 94/10692 A	05/1994	WIPO			
86	WO 95/26171	10/1995	WIPO			
87	WO 98/38951	09/1998	WIPO			
88	WO 00/38599	07/2000	WIPO			
89	WO 01/43668 A1	06/2001	WIPO			
90	WO 01/84567 A2	11/2001	WIPO			
91	WO 02/45102 A1	06/2002	WIPO			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
92	Dupont Krytox performance lubricants, Technical Information, Product Information
93	Dupont™ Krytox® Performance Lubricants product Overview, Copyright 2002
94	DuPont™ Krytox® Performance Lubricants, www.exceed.dupont.com/krytox ,
95	Synthetic Lubricants and High-Performance Functional Fluids, Second Edition, Perfluoroalkylpolyethers, Gergory A. Bell et al.
96	DuPont Performance Lubricants Introduces New Line of Linear Krytox® Lubricants, News Release, 2/24/03
97	Uniflor, 8100 Series, 8500 Series, 8700 Series, 8900 Series, Product Descriptions and Properties, www.nyeuniflor.com ; www.nylubricants.com/datasheets
98	Fomblin PFPE: Additives, Solvay Solexis, Product Data Sheet, www.solvaysolexis.com
99	Carbonyl Iron Powders, International Specialty Products
100	BASF Product Information, BASF, Carbonyl Iron Powder data sheets
101	Properties and Applications of Commercial Magnetorheological Fluids, Mark R. Jolly et al., Thomas Lord Research Center
102	Commercial Magneto-Rheological Fluid Devices, D. Carlson et al., Lord Corporation
103	What Makes a Good Mr. Fluid?, J. David Carlson, Presented at the 8 th International Conference on Electro rheological (ER) Fluids and Magneto-rheological (MR) Suspensions, Nice, July 9-13, 2001
104	Smart Prosthetics Based on Magnetorheological Fluids, J. David Carlson et al., 8 th Annual Symposium on Smart Structures and Materials, Newport Beach, CA March 2001

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. OSSUR.039A	APPLICATION NO. 10/722,313
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Henry Hsu et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE November 25, 2003	GROUP 3738

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
105	<i>State-of-the-Art Prosthetic Leg Incorporates Magneto-Rheological Technology</i> , 42 Medical Product Manufacturing News, devicelink.com, November 2000	
106	<i>C-Leg, A new dimension in amputee mobility</i> , Otto Bock, Data Sheet 1997	

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	